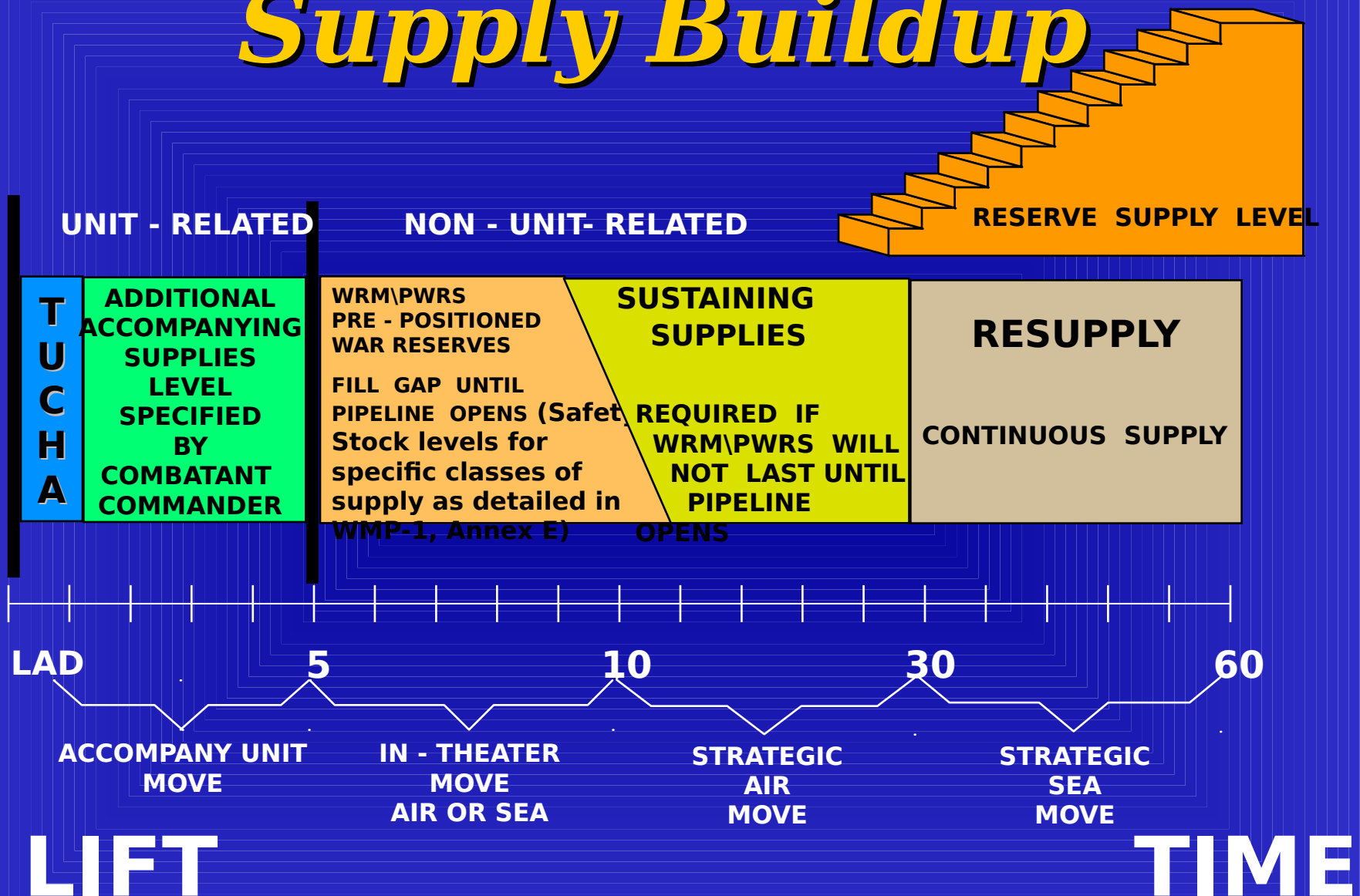




# War Reserve Materiel IP-4180

# Supply Buildup



# *Overview*

- WRM Guidance
- Definitions
- Planning Responsibilities
- WRM Source Documents
- WRM Authorization
- Categories of WRM
- Use of WRM
- Storage & Marking

# ***WRM Guidance***

- **DPG**
- **DODD 3110.6, *War Reserve Materiel Policy***
- **WMP I, Annex E**
- **AFPD 25-1, *War Reserve Materiel***
- **AFI 25-101, *War Reserve Materiel (WRM) Program Guidance and Procedures***

**Figure 3.4: Air Force Truck With  
Exploded Tire, in Storage at Thumrait,  
Oman**



Source: GAO.

**Figure 3.5: High-Mobility, Multipurpose  
Wheeled Vehicles Returned From  
Bright Star Exercise to Thumrait,  
Oman**



Source: Airwork Vinnell.





NT USE  
트 유스



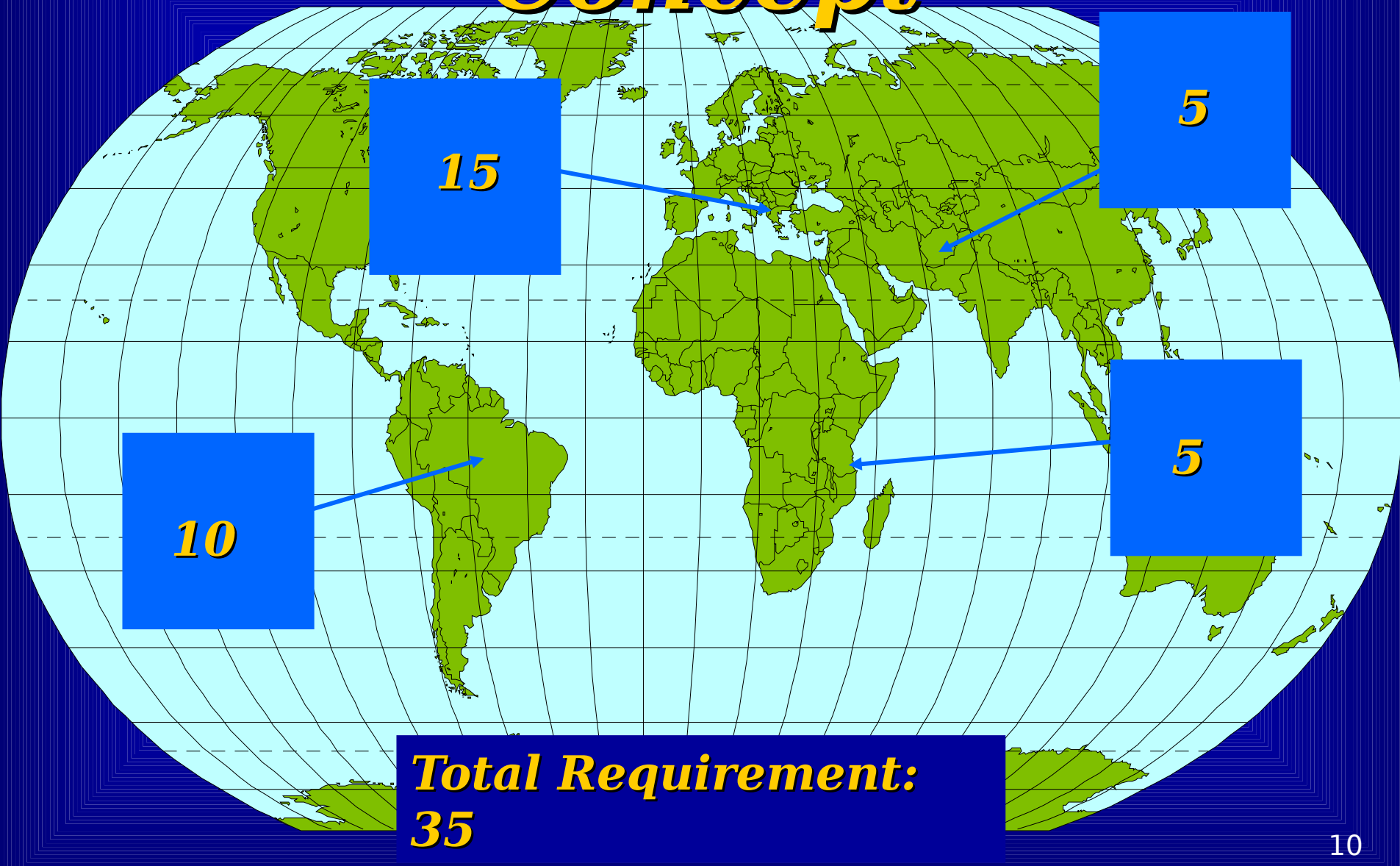




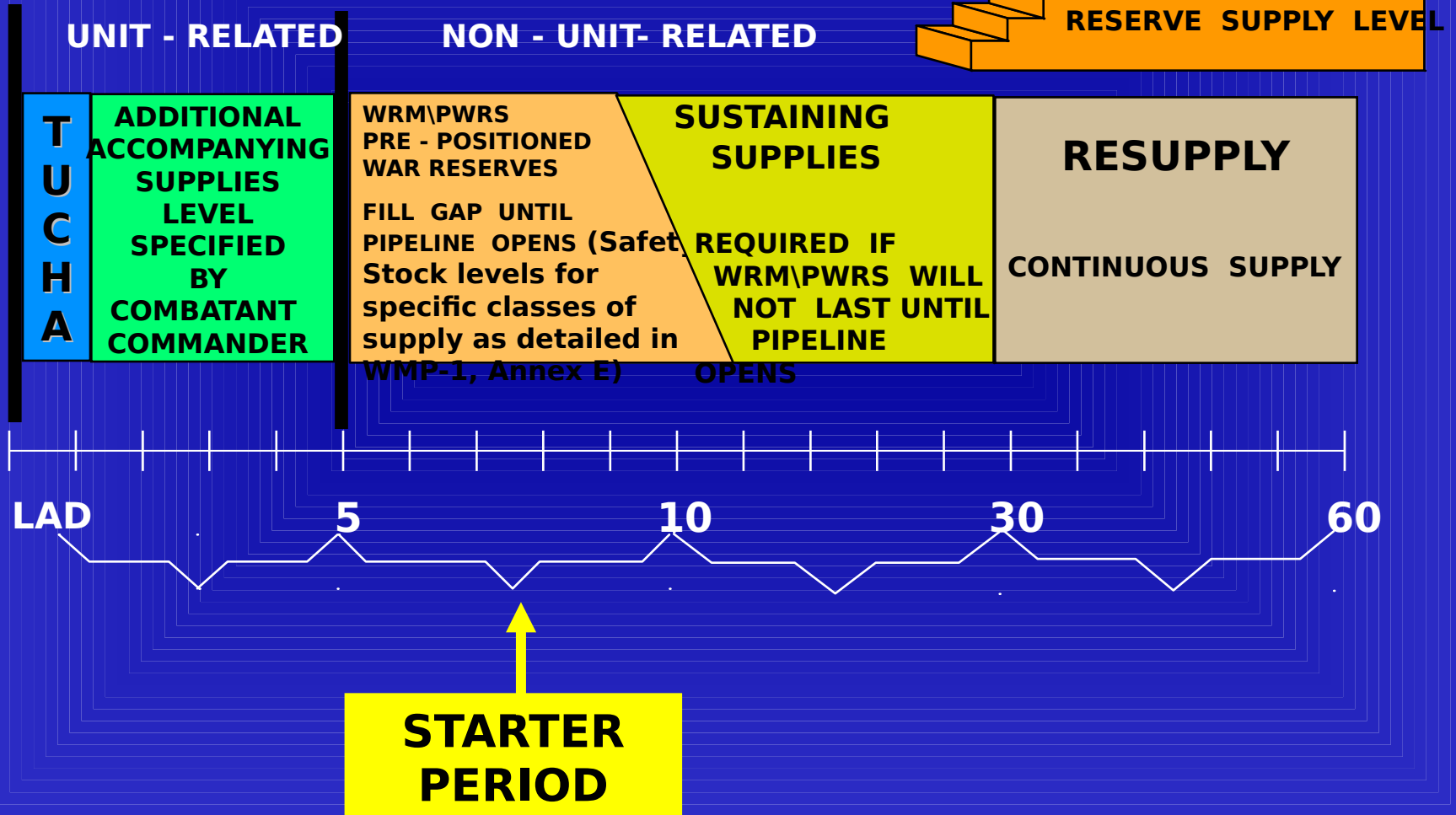
# ***Definitions***

- **War Reserve Materiel.** Mission-essential materiel required in addition to primary operating stocks and deployment equipment necessary to attain objectives in the scenarios approved for sustainability planning in the Defense Planning Guidance (DPG).
- **Primary Operating Stocks.** Logistic resources on hand or on order necessary to support day-to-day operational requirements, and which, in part, can also be used to offset sustaining combat requirements.
- **Starter Stocks.** WRM stocks pre-positioned in or near a theater of operations to last until resupply at wartime rates is established.
- **Swing Stocks.** WRM stocks positioned ashore or afloat for meeting war reserve requirements of more than one contingency in more than one theater of operations.

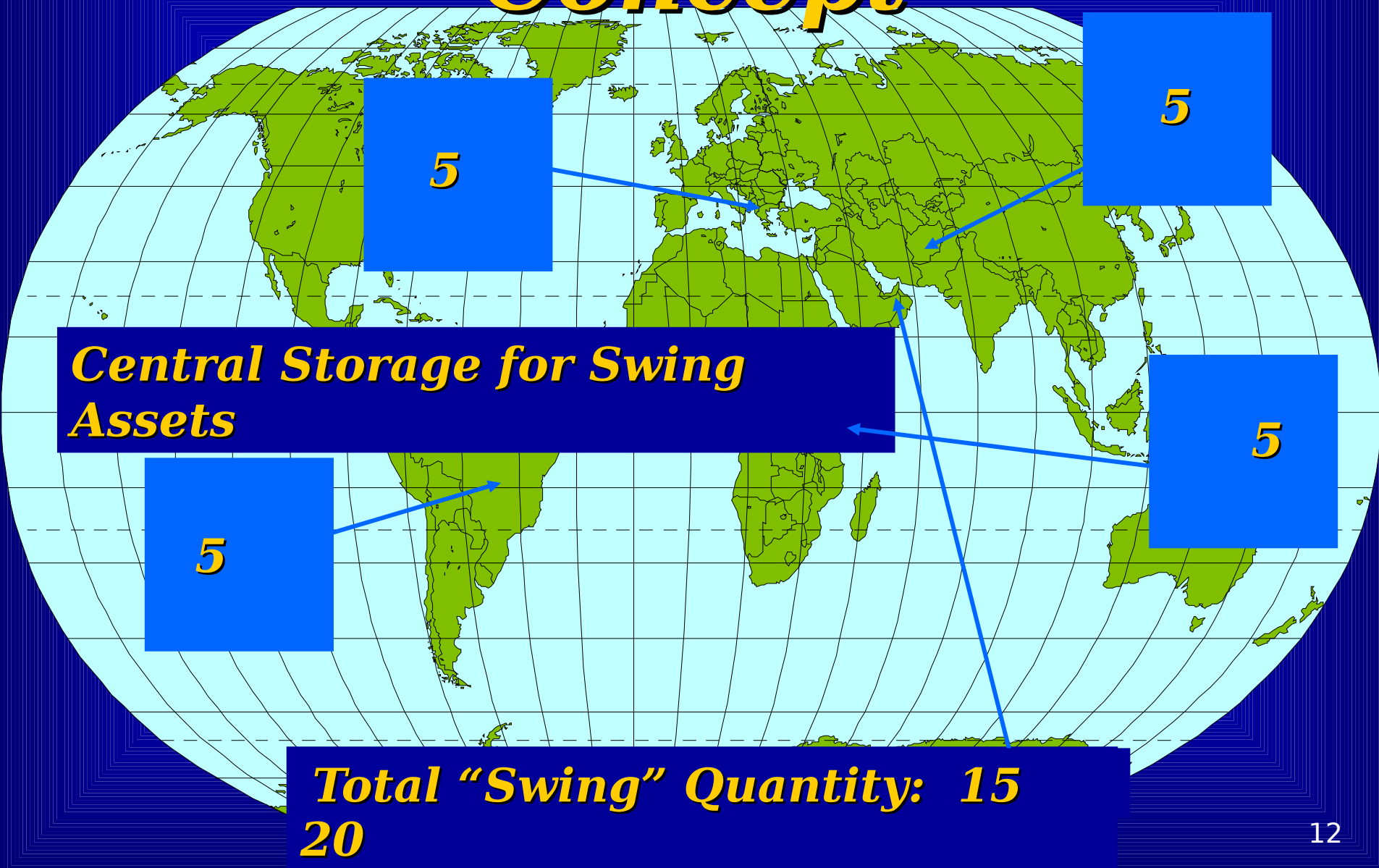
# ***Starter/Swing Concept***



# Supply Buildup



# *Starter/Swing Concept*

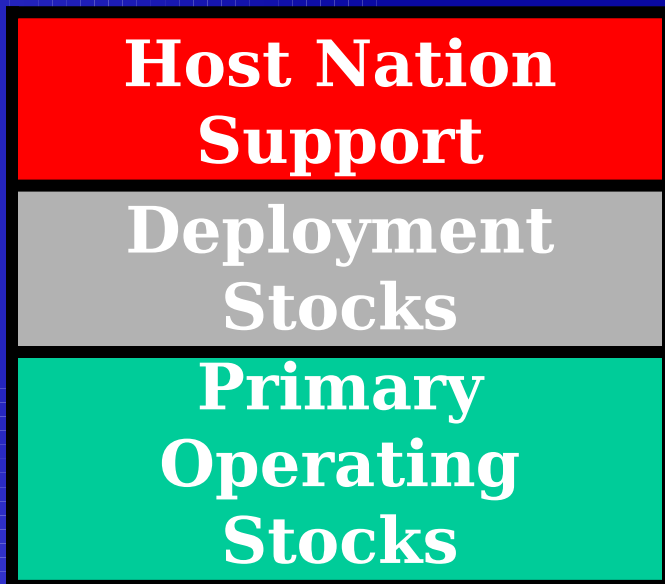




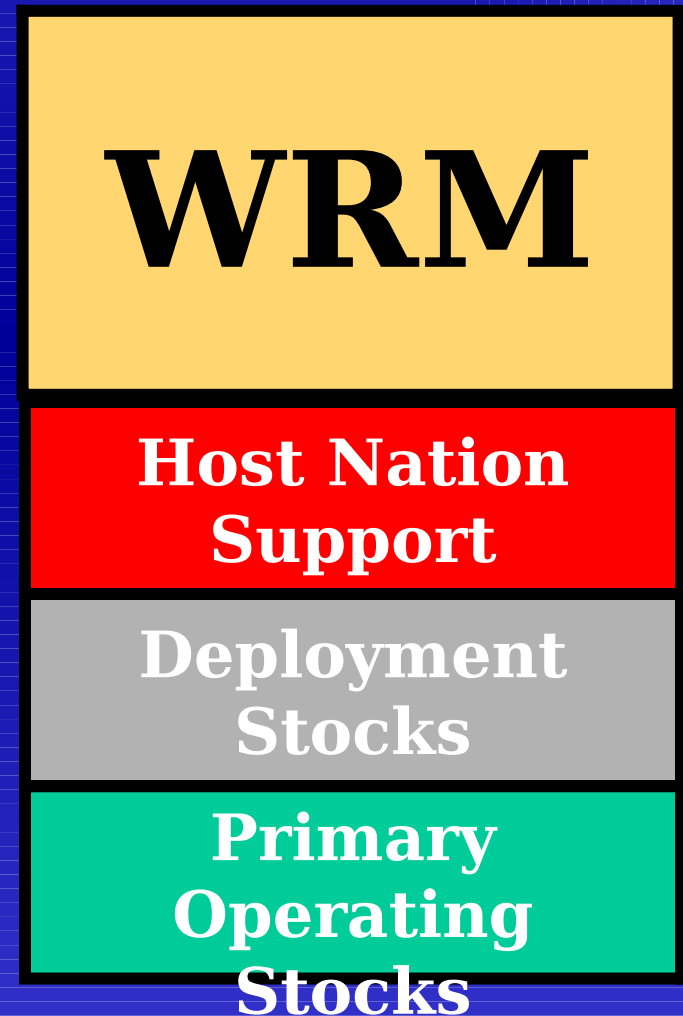
# ***Basis for WRM***

WRM is based on wartime additive requirements sufficient to accomplish the strategies depicted in the Defense Planning Guidance (DPG) and is not intended to duplicate peacetime or deployment assets.

## Available Stocks



## Total Wartime Requirement



# ASSISTANCE SOUGHT FROM HOST NATIONS

**Can include, but is not limited to:**

**Transportation**

**Telecommunications**

**Civilian Labor**

**Supplies**

**Services**

**Health Services Support**

**Rear Area Protection**

**Facilities**

**Contracting**

**Petroleum**

**Oils**

**Lubricants**

**Acquisition of Equipment**

**Food**

**Airlift**

**Communications**

**Use of Facilities**

**Storage Services**

**Port Services**

**Billeting**

**Clothing**

**Medical Services**

**Base Operations Support**

**Maintenance Services**

**Calibration Services**

**Construction Equipment**

# ***Categories of WRM***



**Equipment**



**Consumables**





# ***WRM Equipment***

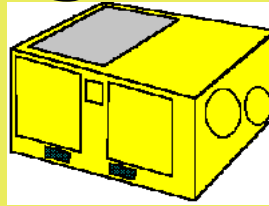
- Clothing and Field Equipment Packages
- Individual Weapons and Ammo
- 463L Equipment
- Vehicles
- Aerospace Ground Equipment (AGE)
- Basic Expeditionary Airfield Requirements (BEAR) Base Systems

# Harvest Falcon

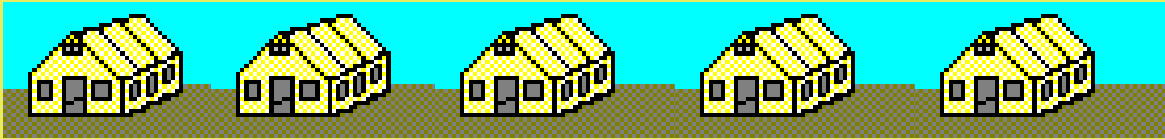
## Housekeeping Set

**High  
Voltage**

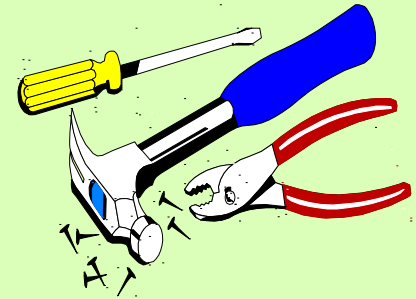
- \* Billeting (1100)
- \* Dining
- \* Showers/Latrines



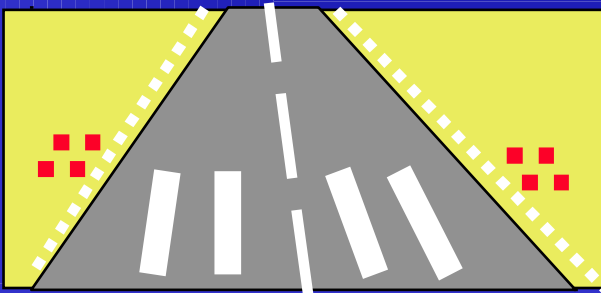
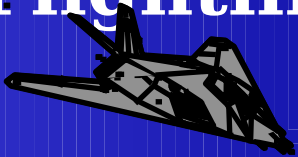
Heating/Cooling



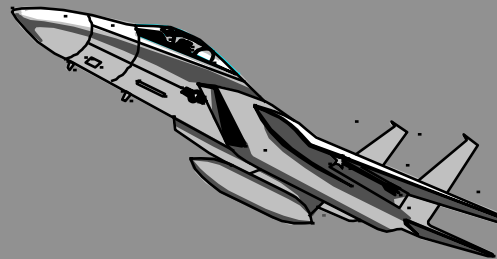
## Industrial Operation Set



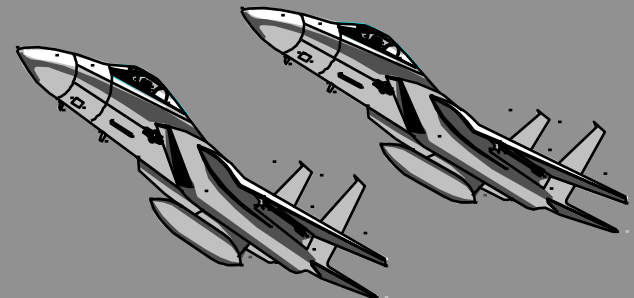
## Flightline Init



## Flightline Follow-on Set 1

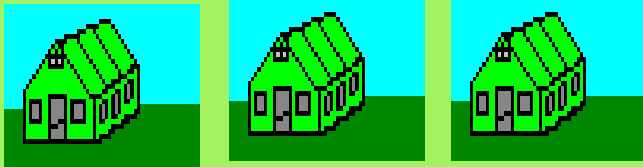


## Flightline Follow-on Set 2

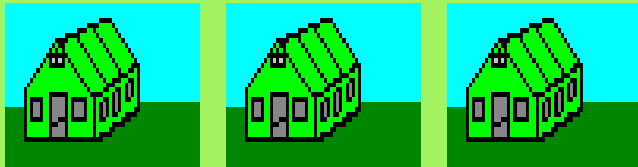


# ***Harvest Eagle***

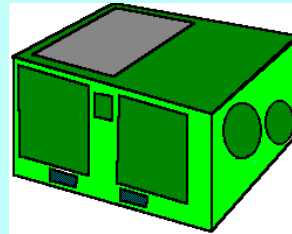
## **Housekeeping Set**



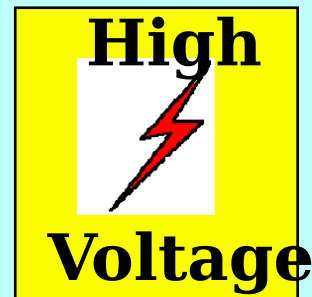
- \* **Billeting (550)**
- \* **Dining**
- \* **Showers/Latrines**



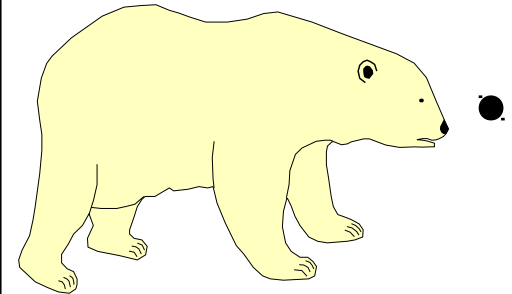
## **Utilities Set**



**Heating  
&  
Cooling**



## **Cold Weather Set**



- \* Space Heaters
- \* Below 30 degrees F

# ***WRM Consumables***

- Expendable items used for direct support of a weapon system or combat support activity
- Quantities based on expenditure factors in WMP Vols. 4 & 5



# ***Consumable***

## ***Examples***

- Standard Air Munitions Package/Standard Tanks, Racks, Adapters, & Pylons Package (STAMP/STRAPP)
- Tanks, Racks, Adapters and Pylons (TRAP)
- Petroleum, Oil, and Lubricants (POL)
- Aircraft Guns and Gun Barrels
- Chaff/Flares
- MREs/Rations

# ***Items Not Authorized***

- Comfort and morale items
- Items readily available commercially
- Subsistence items other than operational rations
- Items with a limited shelf life unless offset by rotational procedures
- Items out of date, such as surplus parts from obsolete weapon systems

# ***Planning Responsibilities***

- Air Components
  - Plan for WRM Support for Forces (BOS)
- Storing Commands
  - MAJCOM with Host Authority over facilities
  - Report Serviceability & Availability
  - Budgets & Coordinates with Using Commands
- Using Commands
  - Provides Storing Command with requirements
  - Identifies locations for redistribution
  - Reports Excess WRM

# ***Planning Responsibilities***

- Installation Commander
  - Ensures base WRM program is consistent with wartime missions
  - Ensures necessary manpower, facilities & funds are identified and programmed
  - Appoints WRM Program Manager
- WRM Program Manager (WRMPM)
  - Installation/MAJCOM/USAF
  - Coordinates policy changes, makes budget submissions
- WRMO/NCO
  - Focal point for all WRM matters
  - Provides guidance to WRM Managers



# ***Planning Responsibilities***

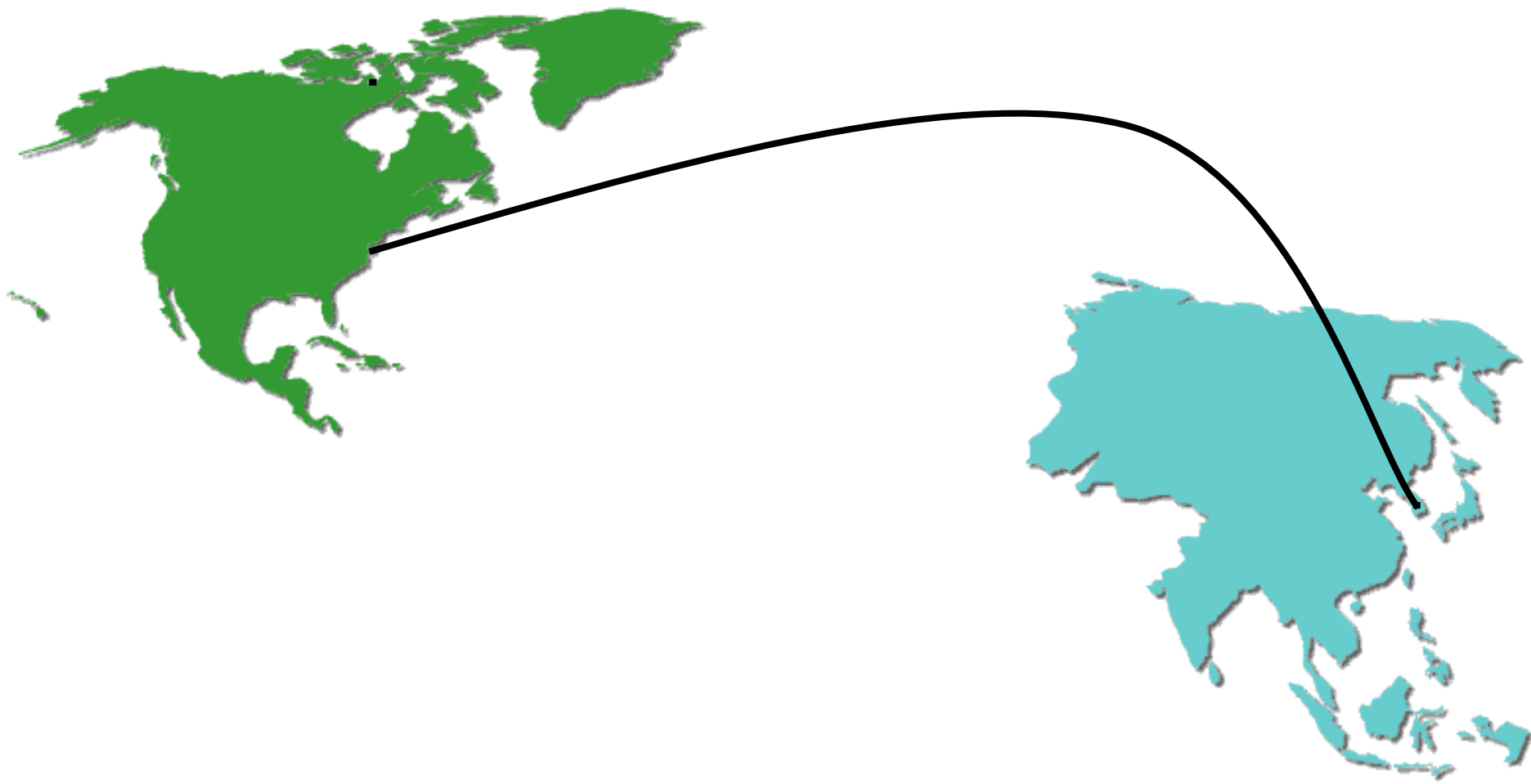
- WRM Managers (WRMM)
  - Appointed by each organization storing or maintaining WRM
  - Ensure that WRM is stored and maintained IAW all applicable AFIs, Technical Orders, and applicable guidance.

# ***Source Documents***

- WMP Volume 1, Annex E
  - Procedures for WRM authorization
  - Number of days of supply authorized by location
- WMP Volume 4, Wartime Aircraft Activity
  - Documented aircraft activity in support of current plans
  - Source for WPARR, WCDO, & IMP
- TPFDD/L
  - Listing of combat and support forces programmed to deploy
  - Source for WPARR, IMP, AFSVA Letter

# ***WRM Authorization***

- War Plans Additive Requirements Report (WPARR)
  - Part I: MAJCOM to MAJCOM
  - Part II: Storing MAJCOM to Host Base
- War Consumable Distribution Objective (WCDO)
  - MAJCOMs produce for munitions, non-munitions consumable items
- Vehicle Authorization Listing (VAL)
  - Validates vehicle requirements generated by WPARR and Base Support Plan Process
- Inventory Management Plan (IMP)
  - Bulk Fuel Inventories
  - Preposition requirements for WRM



# Aircraft/Combat Support

# WPARR Part 1

1<sup>st</sup> FW

ACC

PACAF

Mission

Total Wartime

NSN - Microsoft Internet Explorer

NSN	NOMENCLATURE	SRAN	POB	ASL	COMP	A-QTY	U-COST	T-COST	BCIC	UC	SC	
1730-00-632-8425	JACK,ACFT LDG GEAR, 75 TON	FE5505	5CW	2PB	R137	2	\$12,765.00	\$25,530.00	A	P 1C	OD	
1730-00-677-0645	TOWBAR TRAILER BAR GEAR	FE5505	5CW	2PB	R137	4	\$618.00	\$2,472.00	A	P 1C	OD	
1730-00-804-7435	27" LOADING ADAPTERS	FE5505	5CW	2PB	R137	4	\$453.00	\$1,812.00	A	P 1C	OD	
1730-00-860-4342	ADAPTER ENG MOUNT	FE5505	5CW	2PB	R137	1	\$13,657.00	\$13,657.00	A	P 1C	OD	
1730-00-924-9844	9" LOADING ADAPTERS	FE5505	5CW	2PB	R137	4	\$1,352.00	\$5,408.00	A	P 1C	OD	
1730-00-943-8306	FORK ADAPTERS	FE5505	5CW	2PB	R137	4	\$4,500.00	\$18,000.00	A	P 1C	OD	
1730-01-061-4444	TOWBAR MLG	FE5505	5CW	2PB	R137	2	\$12,514.00	\$25,028.00	A	P 1C	OD	
1730-01-123-7269	AERIAL TRUCK LIFT MJ-1	FE5505	5CW	2PB	R137	6	\$58,484.00	\$350,904.00	A	P 1C	OD	
1730-01-123-7270	AERIAL TRUCK LIFT, MHU-83C/E	FE5505	5CW	2PB	R137	4	\$53,738.00	\$214,952.00	A	P 1C	OD	
1730-01-160-6360	SHORT FORKS	FE5505	5CW	2PB	R137	4	\$5,065.00	\$20,260.00	A	P 1C	OD	
1730-01-249-8870	DRAG CHUTE STAND	FE5505	5CW	2PB	R137	1	\$25,339.00	\$25,339.00	A	P 1C	OD	
1730-01-484-5554	ROTARY LAUNCHER ADAPTER	FE5505	5CW	2PB	R137	7	\$10,000.00	\$70,000.00	A	P 1C	OD	
1730-01-460-3569	ADAPTER GROUND HANDLING	FE5505	5CW	2PB	R137	5	\$85.00	\$425.00	A	P 1C	OD	
1730-01-192899014	CSRL YOKE ADAPTER	FE5505	5CW	2PB	R137	4				A	P 1C	OD
1740-00-445-7206	COWLING TRAILER	FE5505	5CW	2PB	R137	2	\$10,589.00	\$21,178.00	M	P 1C	OD	
1740-00-580-0494	TRAILER ACFT ENG TRANS MODEL	FE5505	5CW	2PB	R137	1	\$10,815.00	\$10,815.00	A	P 1C	OD	
2330-01-300-4482YR	FUEL BOWER 600 GAL	FE5505	5CW	2PB	R137	2	\$5,000.00	\$10,000.00	A	P 1C	OD	

BOS

# WPARR Part 2

PACAF

OSAN

NSN	NOMENCLATURE	SRAN	POB	ASL	COMP	A-QTY	U-COST	T-COST	BCIC UC SC
1730-00-632-8425	JACK, ACFT LDG GEAR, 75 TON	FE5505	5CW	2PB	R137				
1730-00-677-0645	TOWBAR TRAILER BAR GEAR	FE5505	5CW	2PB	R137				
1730-00-804-7435	27" LOADING ADAPTERS	FE5505	5CW	2PB	R137				
1730-00-924-9844	9" LOADING ADAPTERS	FE5505	5CW	2PB	R137				
1730-00-943-8306	FORK ADAPTERS	FE5505	5CW	2PB	R137				
1730-01-061-4444	TOWBAR MLG	FE5505	5CW	2PB	R137	2	\$12,514.00	\$25,028.00	A P 1C 0D

## WAR PLANS ADDITIVE REQUIREMENTS REPORT - Microsoft Internet Explorer

### WAR PLANS ADDITIVE REQUIREMENTS REPORT

<u>NOUN</u>	<u>DODAAC</u>	<u>POB</u>	<u>ASL</u>	<u>ASC/ COMP</u>	<u>QTY AUTH</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>	<u>BC</u>	<u>IC</u>	<u>UC</u>	<u>SC</u>	<u>I D</u>	<u>DATE TRANS</u>
MAINT STAND B5	FE4897			355P146	2	4058	8116	A	P	1L	1C	C	97318
MAINT STAND B1	FE4897			752P146	1	3244	3244	A	P	1L	1C	C	97318
BOBTAIL	FE4897	4AT	7GP	T146	1	16727	16727	V	P	1L	1C	D	97042
10K STD	FE4897	2AA	1RC	V033	1	245740	245740	V	P	1L	1C	D	97042
10K STD	FE4897			V033	4	52097	208388	V	P	1L	1C	D	97042
10K STD	FE4897			V033	4	52097	208388	V	P	1L	1C	D	97042
25K LOADER	FE4897			V033	2	123191	246382	V	P	1L	1C	D	97042
COCHRAN LOADER	FE4897			V033	1	89346	89346	V	P	1L	1C	D	97042
EXT HALON 50GAL	FE4897			490P146	4	715	2860	A	P	1L	1C	C	97318
COMPRESSOR	FE4897			P146	1	11377	11377	A	P	1L	1C	D	97318
HEATER DUC	FE4897			355P146	2	4296	8592	A	P	1L	1C	C	97318
GENERATOR	FE4897			P146	1	14640	14640	A	P	1L	1C	D	97318
FLOODLIGHT	FE4897			307P146	3	12000	36000	M	P	1L	1C	C	97318
FLOODLIGHT	FE4897			T144	1	12000	12000	M	P	1L	1C	D	97318
SCALES	FE4897			T144	6	618	3708	M	P	1L	1C	D	97318



# Consumables

# WCDO

\*\*\*\*\* C A V E A T \*\*\*\*\*

PREPARED 15 OCT 2000  
SA200S025A

WRM WAR CONSUMABLE DISTRIBUTION OBJECTIVE (WCDO)

PCN

USAF WAR MOBILIZATION PLAN (WMP - A) PLANNING YEAR - 2000  
BASE PREP CODES REPORT BY : \* \* \* WORST CASE SCENARIO \* \* \*

REPORTING COMMAND 1C-ACC  
REPORT

\* NON MUNITION ITEMS \*

CURRENT-YEAR

\*\*\*\*\* ACCUMULATIVE TOTALS \*\*\*\*\*

UNSUP PRIME STARTER	ALT				TOTAL	OPLAN		TOTAL					
DODIC	DODIC	NSN	NOMENCLATURE	UI	REQ	DAYS	QTY	QTY	CAT-F	CAT-G	STARTER	ALOC	QTY
-----	-----	-----	-----	--	-----	--	-----	-----	-----	-----	-----	-----	-----
250X 0	250X	6850014356471	FLUID DEICING & DEF	GL	225	2	225	0	0	0	0		
SUB	250X1	6850012810338	DEICING-DEFROSTING	DR			0		5	0	5		
290X 0	290X	6830008089531	OXYGEN BREATHING LI	GL	30	2	30	0	30	0	30		

LOG/SUB AREA-3A

GEOLOC-AXXX

BASE NAME-GREENE FIELD

PENN

PSUEDO BASE CODE-A999

PCN SA200S025A

PAGE 6

TOTAL PAGES 6

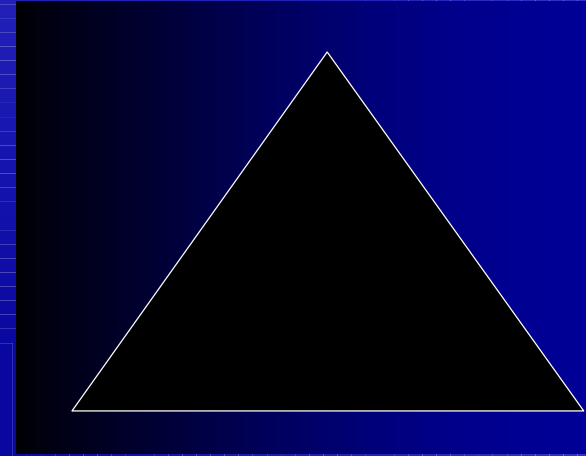
\*\*\*\*\* C A V E A T \*\*\*\*\*

# ***Use of WRM***

- Last Option
  - Not used because of a time crunch
- Evaluate/Authorize
  - Documented evaluations of potential non-WRM solutions
  - Mission impact of ***not*** releasing the WRM
  - Timelines to reconstitute the WRM and associated costs
  - Impact on execution of DPG approved scenarios if WRM use ***is*** approved
- WRMPM/WRMO Releasing Officials

# ***Storage & Marking***

- Storage Facilities
  - All Types
- Commingling Assets
  - Easily Identifiable
- Maintenance (Storing Organization)
- SORTS Reporting (BEAR Base Units)
  - (609 ASUS, Shaw AFB; 49 MMG, Holloman AFB; 607 ASUS, Osan AB; & 86 MMS Sanem, Luxembourg)



# ***Summary***

- WRM Guidance
- Definitions
- Planning Responsibilities
- WRM Source Documents
- WRM Authorization
- Categories of WRM
- Use of WRM
- Storage & Marking

# Questions?